OIPE

RAW SEQUENCE LISTING   DATE: 11/08/2000
PATENT APPLICATION: US/09/698,781   TIME: 10:01:20

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\11082000\I698781.raw

ENTERED

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    4 <110> APPLICANT: Rene S. Hubert
    5        Arthur B. Raitano
    6        Daniel E.H. Afar
    7        Steve Chappell Mitchell
    8        Mary Faris
    9        Aya Jakobovits
   11 <120> TITLE OF INVENTION: DIAGNOSIS AND THERAPY OF CANCER USING
   12        SGP28-RELATED MOLECULES
   15 <130> FILE REFERENCE: 129.23-US-U1
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/698,781
C--> 17 <141> CURRENT FILING DATE: 2000-10-27
   17 <150> PRIOR APPLICATION NUMBER: 60/162,610
   18 <151> PRIOR FILING DATE: 1999-10-28
   20 <160> NUMBER OF SEQ ID NOS: 36
   22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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   25 <211> LENGTH: 256
   26 <212> TYPE: DNA
   27 <213> ORGANISM: Homo Sapiens
   29 <400> SEQUENCE: 1
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   31 agggacagtt gcaaggcctc ctgcaattgt tcaaacagca tttattaaat acgcattaca     120
   32 caccgagtag ggctatgtag agaggagtca gattatctac ttagatttgg catctactta     180
   33 gatttaacat atactagctg agaaattgta ggcatgtttg atacacattt gatttcaaat     240
   34 gttttcttc tggatc                                                      256
   36 <210> SEQ ID NO: 2
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   38 <212> TYPE: DNA
   39 <213> ORGANISM: Homo Sapiens
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   43 tgttgttcct ggttgctggg ctgcttccat cttttccagc aaatgaagat aaggatcccg     120
   44 cttttactgc tttgttaacc acccaaacac aagtgcaaag ggagattgtg aataagcaca     180
   45 atgaactgag gagagcagta tctcccctg ccagaaacat gctgaagatg gaatggaaca     240
   46 aagaggctgc agcaaatgcc caaaagtggg caaaccagtg caattacaga cacagtaacc     300
   47 caaaggatcg aatgacaagt ctaaaatgtg gtgagaatct ctacatgtca agtgcccca      360
   48 gctcatggtc acaagcaatc caaagctggt ttgatgagta caatgatttt gactttggtg     420
   49 tagggccaaa gactcccaac gcagtggttg gacattatac acaggttgtt tggtactctt     480
   50 catacctcgt tggatgtgga aatgcctact gtcccaatca aaaagttcta aaatactact     540
   51 atgtttgcca atattgtcct gctggtaatt gggctaatag actatatgtc ccttatgaac     600
   52 aaggagcacc ttgtgccagt tgcccagata actgtgacga tggactatgc accaatggtt     660
   53 gcaagtacga agatctctat agtaactgta aaagtttgaa gctcacatta acctgtaaac     720
   54 atcagttggt cagggacagt tgcaaggcat cctgcaattg ttcaaacagc atttattaaa     780
   55 tacgcattac acaccgagta gggctatgta gagaggagtc agattatcta cttagatttg     840
   56 gcatctactt agatttaaca tatactagct gagaaattgt aggcatgttt gatacacatt     900
   57 tgatttcaaa tgttttcttt ctggatctgc ttttatttt acaaaaatat ttttcataca     960
   58 aatggttaaa aagaaacaaa atctataaca acaactttgg attttatat ataaactttg    1020
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59 tgattaaat ttactgaatt taattagggt gaaaattttg aaagttgtat tctcatatga   1080
60 ctaagttcac taaaaccctg gattgaaagt gaaaattatg ttcctagaac aaaatgtaca   1140
61 aaaagaacaa tataattttc acatgaaccc ttggctgtag ttgcctttcc tagctccact   1200
62 ctaaggctaa gcatcttcaa agacgttttc ccatatgctg tcttaattct tttcactcat   1260
63 tcacccttct tcccaatcat ctggctggca tcctcacaat tgagttgaag ctgttcctcc   1320
64 taaaacaatc ctgactttta ttttgccaaa atcaatacaa tcctttgaat tttttatctg   1380
65 cataaatttt acagtagaat atgatcaaac cttcattttt aaacctctct tctcttttgac  1440
66 aaaacttcct taaaaaagaa tacaagataa tataggtaaa taccctccac tcaaggaggt   1500
67 agaactcagt cctctccctt gtgagtcttc actaaaatca gtgactcact tccaaagagt   1560
68 ggagtatgga aagggaaaca tagtaacttt acaggggaga aaaatgacaa atgacgtctt   1620
69 caccaagtga tcaaaattaa cgtcaccagt gataagtcat tcagatttgt tctagataat   1680
70 cttctaaaa attcataatc ccaatctaat tatgagctaa aacatccagc aaactcaagt    1740
71 tgaaggacat tctacaaaat atccctgggg tattttagag tattcctaaa aactgtaaaa   1800
72 atcatggaaa ataagggaat cctgagaaac aatcacagac cacatgagac taaggagaca   1860
73 tgtgagccaa atgcaatgtg cttcttggat cagatcctgg aacagaaaaa gatcagtaat   1920
74 gaaaaaactg atgaagtctg aatagaatct ggagtatttt taacagtagt gttgatttct   1980
75 taatcttgac aaatatagca gggtaatgta agatgataac gttagagaaa ctgaaactgg   2040
76 gtgagggcta tctaggaatt ctctgtacta tcttaccaaa ttttcggtaa gtctaagaaa   2100
77 gcaatgcaaa ataaaaagta tcttgaaaaa aaaaaaaaaa aaaa                     2144
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80 <211> LENGTH: 258
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo Sapiens
84 <400> SEQUENCE: 3
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87 Phe Pro Val Leu Leu Phe Leu Val Ala Gly Leu Leu Pro Ser Phe Pro
88              20                  25                  30
89 Ala Asn Glu Asp Lys Asp Pro Ala Phe Thr Ala Leu Leu Thr Thr Gln
90           35                  40                  45
91 Thr Gln Val Gln Arg Glu Ile Val Asn Lys His Asn Glu Leu Arg Arg
92        50                  55                  60
93 Ala Val Ser Pro Pro Ala Arg Asn Met Leu Lys Met Glu Trp Asn Lys
94 65                  70                  75                  80
95 Glu Ala Ala Ala Asn Ala Gln Lys Trp Ala Asn Gln Cys Asn Tyr Arg
96                  85                  90                  95
97 His Ser Asn Pro Lys Asp Arg Met Thr Ser Leu Lys Cys Gly Glu Asn
98                 100                 105                 110
99 Leu Tyr Met Ser Ser Ala Pro Ser Ser Trp Ser Gln Ala Ile Gln Ser
100         115                 120                 125
101 Trp Phe Asp Glu Tyr Asn Asp Phe Asp Phe Gly Val Gly Pro Lys Thr
102        130                 135                 140
103 Pro Asn Ala Val Val Gly His Tyr Thr Gln Val Val Trp Tyr Ser Ser
104 145                 150                 155                 160
105 Tyr Leu Val Gly Cys Gly Asn Ala Tyr Cys Pro Asn Gln Lys Val Leu
106                 165                 170                 175
107 Lys Tyr Tyr Tyr Val Cys Gln Tyr Cys Pro Ala Gly Asn Trp Ala Asn
108                 180                 185                 190
109 Arg Leu Tyr Val Pro Tyr Glu Gln Gly Ala Pro Cys Ala Ser Cys Pro
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110          195                200                205
111 Asp Asn Cys Asp Asp Gly Leu Cys Thr Asn Gly Cys Lys Tyr Glu Asp
112     210               215               220
113 Leu Tyr Ser Asn Cys Lys Ser Leu Lys Leu Thr Leu Thr Cys Lys His
114 225               230               235               240
115 Gln Leu Val Arg Asp Ser Cys Lys Ala Ser Cys Asn Cys Ser Asn Ser
116               245               250               255
117 Ile Tyr
120 <210> SEQ ID NO: 4
121 <211> LENGTH: 24
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Primer
128 <400> SEQUENCE: 4
129 agttgccttt cctagctcca ctct                                    24
131 <210> SEQ ID NO: 5
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Primer
139 <400> SEQUENCE: 5
140 tccctttcca tactccactc tttg                                    24
142 <210> SEQ ID NO: 6
143 <211> LENGTH: 11
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo Sapiens
147 <400> SEQUENCE: 6
148 Val Val Gly His Tyr Thr Gln Val Val Trp Tyr
149  1               5                10
151 <210> SEQ ID NO: 7
152 <211> LENGTH: 12
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo Sapiens
156 <400> SEQUENCE: 7
157 Tyr Tyr Val Cys Gln Tyr Cys Pro Ala Gly Asn Trp
158  1               5                10
160 <210> SEQ ID NO: 8
161 <211> LENGTH: 4
162 <212> TYPE: PRT
163 <213> ORGANISM: Homo Sapiens
165 <400> SEQUENCE: 8
166 Asn Cys Ser Asn
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169 <210> SEQ ID NO: 9
170 <211> LENGTH: 4
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo Sapiens
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174 <400> SEQUENCE: 9
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176   1
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180 <212> TYPE: PRT
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184 Ser Cys Pro Asp
185   1
187 <210> SEQ ID NO: 11
188 <211> LENGTH: 7
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo Sapiens
192 <400> SEQUENCE: 11
193 Lys Cys Gly Glu Asn Leu Tyr
194   1   5
196 <210> SEQ ID NO: 12
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: Homo Sapiens
201 <400> SEQUENCE: 12
202 Gly Leu Leu Pro Ser Phe
203   1   5
205 <210> SEQ ID NO: 13
206 <211> LENGTH: 6
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo Sapiens
210 <400> SEQUENCE: 13
211 Gly Cys Gly Asn Ala Tyr
212   1   5
214 <210> SEQ ID NO: 14
215 <211> LENGTH: 6
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo Sapiens
219 <400> SEQUENCE: 14
220 Gly Asn Trp Ala Asn Arg
221   1   5
223 <210> SEQ ID NO: 15
224 <211> LENGTH: 6
225 <212> TYPE: PRT
226 <213> ORGANISM: Homo Sapiens
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229 Gly Ala Pro Cys Ala Ser
230   1   5
232 <210> SEQ ID NO: 16
233 <211> LENGTH: 6
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo Sapiens

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239  1                5
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242 <211> LENGTH: 9
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244 <213> ORGANISM: Homo Sapiens
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247 Thr Leu Phe Pro Val Leu Leu Phe Leu
248  1                5
250 <210> SEQ ID NO: 18
251 <211> LENGTH: 9
252 <212> TYPE: PRT
253 <213> ORGANISM: Homo Sapiens
255 <400> SEQUENCE: 18
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257  1                5
259 <210> SEQ ID NO: 19
260 <211> LENGTH: 9
261 <212> TYPE: PRT
262 <213> ORGANISM: Homo Sapiens
264 <400> SEQUENCE: 19
265 Ala Leu Leu Thr Thr Gln Thr Gln Val
266  1                5
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 9
270 <212> TYPE: PRT
271 <213> ORGANISM: Homo Sapiens
273 <400> SEQUENCE: 20
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275  1                5
277 <210> SEQ ID NO: 21
278 <211> LENGTH: 9
279 <212> TYPE: PRT
280 <213> ORGANISM: Homo Sapiens
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284  1                5
286 <210> SEQ ID NO: 22
287 <211> LENGTH: 9
288 <212> TYPE: PRT
289 <213> ORGANISM: Homo Sapiens
291 <400> SEQUENCE: 22
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293  1                5
295 <210> SEQ ID NO: 23
296 <211> LENGTH: 9
297 <212> TYPE: PRT
298 <213> ORGANISM: Homo Sapiens
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/698,781

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Input Set : A:\Seqlist.txt
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L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date